

**Serampore Girls' College**  
**Department of Botany**

**Report on field visit**

**SEMESTER-II**

- **Name of the course:** Plant diversity II
- **Date:** 16/05/2023
- **Objective:** This type of tour is organized to aware students about local plants, to know their scientific background and give them practical knowledge about collection, identification of wild angiosperms and preparation of herbarium specimen.
- **Code of the course:** BOTG-CC-2-2-P
- **No. of students attended:** 04
- **Location of Visit:** Chinsurah, Hooghly.
- **Outcome:** Students of semester II took part enthusiastically to fulfil our goal, they learned about different groups of angiosperms, their habit, and habitat, beneficial or harmful effects on environment.
- **Guided by:** Dr. Madhusree Halder, Department of Botany, Serampore Girls' College.

## Syllabus of 2<sup>nd</sup> semester BOTG-CC2/GE2

### PRACTICAL- PLANT DIVERSITY II (PTERIDOPHYTES, GYMNOSPERMS, PALAEOBOTANY, MORPHOLOGY AND TAXONOMY) (BOT-G-CC-2-2-P) (Credits 2)

1. Dissection, drawing and labelling, description of angiospermic plants and floral parts, floral formula and floral diagram, identification (family) from the following families: Leguminosae (Fabaceae), Malvaceae, Solanaceae, Labiatea (Lamiaceae), Acanthaceae.
2. **Identification with reasons:**  
Macroscopic specimens of *Selaginella* and *Pteris*, male and female strobilus of *Cycas* and *Pinus*, Anatomical slides (stellar types, transfusion tissue, sieve tube, sunken stomata, lenticels), inflorescence types.
3. **Spot identification** of the following Angiospermic plants (scientific names and families): *Sida rhombifolia* (Malvaceae), *Abutilon indicum* (Malvaceae), *Cassia sophera* (Fabaceae), *Tephrosia halimtonii* (Fabaceae), *Crotalaria palida* (Fabaceae), *Coccinia grandis* (Cucurbitaceae), *Solanum indicum* (Solanaceae), *Nicotiana plumbagenifolia* (Solanaceae), *Leucas aspera* (Lamiaceae), *Leonurus sibiricus* (Lamiaceae), *Parthenium hysterophorus* (Asteraceae), *Tridax procumbense* (Asteraceae), *Eclipta prostrata* (Asteraceae), *Eragrostis tenella* (Poaceae), *Chrysopogon aciculatus* (Poaceae), *Eleusine indica* (Poaceae), *Vanda taesellata* (Orchidaceae).
4. **Laboratory records:** Laboratory note books (regularly signed) and slides (prepared in class) are to be submitted at the time of Practical Examination. Regular attendance in the class must be credited.
5. **Field excursion:** Local Excursions (at least two including one to Acharya Jagadish Chandra Bose Botanic Garden, Shibpur, Howrah)
6. **Field Records:** Field note book and 15 herbarium sheets of common Angiospermic weeds are to be prepared and submitted at the time of Practical Examination. Regular attendance in the class must be credited.

## Attendance sheet

**SERAMPORE GIRLS' COLLEGE**  
DEPARTMENT OF BOTANY  
Semester-II  
Student attendance sheet

Program: Local excursion at chinsurah      Date: 16/5/2023

Sl. No.	Roll Number	Semester	Signature of the student
1.	22777	<u>II</u>	Koyal Barik
2.	22782	<u>II</u>	Puja Shree
3.	22790	<u>II</u>	Shruti Kumari
4.	22778	<u>II</u>	Neha Singh

M. S. Das      16/5/2023  
Department of Botany  
Serampore Girls' College  
Serampore, Hooghly

## PHOTOS OF THE EVENT





GPS Map Camera

Chinsurah, West Bengal, India

V9VC+F5W, Chinsurah R S, Chinsurah, West

Bengal 712103, India

Lat 22.893867°

Long 88.370337°

16/05/23 10:47 AM GMT +05:30

Google



GPS Map Camera

Chinsurah, West Bengal, India

V9VC+F5W, Chinsurah R S, Chinsurah, West

Bengal 712103, India

Lat 22.893965°

Long 88.37016°

16/05/23 10:40 AM GMT +05:30

Google



GPS Map Camera

Chinsurah, West Bengal, India

V9VC+F5W, Chinsurah R S, Chinsurah, West

Bengal 712103, India

Lat 22.894268°

Long 88.370449°

16/05/23 11:37 AM GMT +05:30

Google



GPS Map Camera

Chinsurah, West Bengal, India

V9R9+XR2, Chinsurah R S, Chinsurah, West

Bengal 712103, India

Lat 22.892779°

Long 88.369881°

16/05/23 10:29 AM GMT +05:30

Google

